

Newsprint Mills: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
322122, Newsprint mills	2002 ..	18	22	8 416	535 961	6 449	13 453	385 067	1 649 672	1 937 809	3 597 214	161 664
	2001 ..	N	N	9 706	575 976	7 556	16 215	418 545	2 160 191	2 104 626	4 250 423	477 372
	2000 ..	N	N	10 317	602 195	8 045	17 726	439 400	2 239 107	2 436 922	4 684 676	419 578
	1999 ..	N	N	11 291	626 027	8 756	18 670	461 964	2 115 481	2 296 158	4 422 124	307 023
	1998 ..	N	N	12 641	702 035	9 758	21 175	515 573	2 952 906	2 688 123	5 650 402	624 622
	1997 ..	24	29	13 050	718 564	10 045	21 844	523 893	2 552 705	2 626 059	5 195 391	364 416

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States: 2002**

[Not applicable for this report]

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
322122, Newsprint mills	
Companies ¹	number.. 18
All establishments ²	number.. 22
Establishments with 1 to 19 employees	number.. —
Establishments with 20 to 99 employees	number.. 1
Establishments with 100 employees or more	number.. 21
All employees ³	number.. 8 416
Total compensation	\$1,000.. 720 980
Annual payroll	\$1,000.. 535 961
Total fringe benefits	\$1,000.. 185 019
Production workers, average for year	number.. 6 449
Production workers on March 12	number.. 6 475
Production workers on May 12	number.. 6 568
Production workers on August 12	number.. 6 390
Production workers on November 12	number.. 6 358
Production worker hours	1,000.. 13 453
Production worker wages	\$1,000.. 385 067
Total cost of materials	\$1,000.. 1 937 809
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 321 437
Resales	\$1,000.. D
Purchased fuels	\$1,000.. 173 954
Purchased electricity	\$1,000.. 402 680
Contract work	\$1,000.. D
Quantity of electricity purchased for heat and power	1,000 kWh.. 11 070 458
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 705 904
Total value of shipments	\$1,000.. 3 597 214
Primary products value of shipments	\$1,000.. D
Secondary products value of shipments	\$1,000.. D
Total miscellaneous receipts	\$1,000.. D
Value of resales	\$1,000.. —
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. D
Value of primary products shipments made in all industries	\$1,000.. 3 842 998
Value of primary products shipments made in this industry	\$1,000.. D
Value of primary products shipments made in other industries	\$1,000.. D
Coverage ratio	percent.. D
Value added	\$1,000.. 1 649 672
Total inventories, beginning of year	\$1,000.. 276 769
Finished goods inventories	\$1,000.. 59 247
Work-in-process inventories	\$1,000.. 3 751
Materials and supplies inventories	\$1,000.. 213 771
Total inventories, end of year	\$1,000.. 244 640
Finished goods inventories	\$1,000.. 50 025
Work-in-process inventories	\$1,000.. 3 240
Materials and supplies inventories	\$1,000.. 191 375
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 6 160 670
Total capital expenditures (new and used)	\$1,000.. 161 664
Buildings and other structures (new and used)	\$1,000.. 17 264
Machinery and equipment (new and used)	\$1,000.. 144 400
Automobiles, trucks, etc., for highway use	\$1,000.. 3 833
Computers and peripheral data processing equipment	\$1,000.. 6 382
All other expenditures for machinery and equipment	\$1,000.. 134 185
Total retirements	\$1,000.. 118 205
Gross value of depreciable assets at end of year	\$1,000.. 6 204 129
Depreciation charges during year	\$1,000.. 355 649
Total rental payments	\$1,000.. 11 810
Buildings and other structures	\$1,000.. 3 838
Machinery and equipment	\$1,000.. 7 972
Total other expenses ⁴	\$1,000.. 190 714
Response coverage ratio ⁵	percent.. 77
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 21 239
Communications services ⁴	\$1,000.. 1 811
Legal services ⁴	\$1,000.. 1 343
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 034
Advertising and promotional services ⁴	\$1,000.. 888
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 2 762
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 23 490
Management consulting and administrative services ⁴	\$1,000.. 4 802
Taxes and license fees ⁴	\$1,000.. 28 597
All other expenses ⁴	\$1,000.. 104 749

See footnotes at end of table.

Table 3. Detailed Statistics by Industry: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
3221221, Newsprint mills - integrated producer	
Companies ¹	number.. 12
All establishments ²	number.. 16
Establishments with 1 to 19 employees	number.. —
Establishments with 20 to 99 employees	number.. —
Establishments with 100 employees or more	number.. 16
All employees ³	number.. 5 686
Total compensation	\$1,000.. 502 185
Annual payroll	\$1,000.. 368 183
Total fringe benefits	\$1,000.. 134 002
Production workers, average for year	number.. 4 300
Production workers on March 12	number.. 4 298
Production workers on May 12	number.. 4 386
Production workers on August 12	number.. 4 276
Production workers on November 12	number.. 4 239
Production worker hours	1,000.. 8 822
Production worker wages	\$1,000.. 261 941
Total cost of materials	\$1,000.. 1 463 191
Materials, parts, containers, packaging, etc., used	\$1,000.. 974 486
Resales	\$1,000.. —
Purchased fuels	\$1,000.. D
Purchased electricity	\$1,000.. 333 444
Contract work	\$1,000.. D
Quantity of electricity purchased for heat and power	1,000 kWh.. 9 137 497
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 2 697 699
Primary products value of shipments	\$1,000.. X
Secondary products value of shipments	\$1,000.. D
Total miscellaneous receipts	\$1,000.. D
Value of resales	\$1,000.. X
Contract receipts	\$1,000.. X
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. D
Value of primary products shipments made in all industries	\$1,000.. X
Value of primary products shipments made in this industry	\$1,000.. X
Value of primary products shipments made in other industries	\$1,000.. X
Coverage ratio	percent.. X
Value added	\$1,000.. 1 228 232
Total inventories, beginning of year	\$1,000.. 196 545
Finished goods inventories	\$1,000.. 30 522
Work-in-process inventories	\$1,000.. 2 437
Materials and supplies inventories	\$1,000.. 163 586
Total inventories, end of year	\$1,000.. 183 560
Finished goods inventories	\$1,000.. 24 383
Work-in-process inventories	\$1,000.. 2 300
Materials and supplies inventories	\$1,000.. 156 877
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. X
Total capital expenditures (new and used)	\$1,000.. X
Buildings and other structures (new and used)	\$1,000.. X
Machinery and equipment (new and used)	\$1,000.. X
Automobiles, trucks, etc., for highway use	\$1,000.. X
Computers and peripheral data processing equipment	\$1,000.. X
All other expenditures for machinery and equipment	\$1,000.. X
Total retirements	\$1,000.. X
Gross value of depreciable assets at end of year	\$1,000.. X
Depreciation charges during year	\$1,000.. X
Total rental payments	\$1,000.. X
Buildings and other structures	\$1,000.. X
Machinery and equipment	\$1,000.. X
Total other expenses ⁴	\$1,000.. X
Response coverage ratio ⁵	percent.. X
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. X
Communications services ⁴	\$1,000.. X
Legal services ⁴	\$1,000.. X
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. X
Advertising and promotional services ⁴	\$1,000.. X
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. X
Refuse removal (including hazardous waste) services ⁴	\$1,000.. X
Management consulting and administrative services ⁴	\$1,000.. X
Taxes and license fees ⁴	\$1,000.. X
All other expenses ⁴	\$1,000.. X

See footnotes at end of table.

Table 3. Detailed Statistics by Industry: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
3221222, Newsprint mills - nonintegrated producer	
Companies ¹	number.. 6
All establishments ²	number.. 6
Establishments with 1 to 19 employees	number.. —
Establishments with 20 to 99 employees	number.. 1
Establishments with 100 employees or more	number.. 5
All employees ³	number.. 2 730
Total compensation	\$1,000.. 218 795
Annual payroll	\$1,000.. 167 778
Total fringe benefits	\$1,000.. 51 017
Production workers, average for year	number.. 2 149
Production workers on March 12	number.. 2 177
Production workers on May 12	number.. 2 182
Production workers on August 12	number.. 2 114
Production workers on November 12	number.. 2 119
Production worker hours	1,000.. 4 631
Production worker wages	\$1,000.. 123 126
Total cost of materials	\$1,000.. 474 618
Materials, parts, containers, packaging, etc., used	\$1,000.. 346 951
Resales	\$1,000.. D
Purchased fuels	\$1,000.. D
Purchased electricity	\$1,000.. 69 236
Contract work	\$1,000.. D
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 932 961
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 899 515
Primary products value of shipments	\$1,000.. X
Secondary products value of shipments	\$1,000.. D
Total miscellaneous receipts	\$1,000.. D
Value of resales	\$1,000.. D
Contract receipts	\$1,000.. X
Other miscellaneous receipts	\$1,000.. X
Primary products specialization ratio	percent.. D
Value of primary products shipments made in all industries	\$1,000.. X
Value of primary products shipments made in this industry	\$1,000.. X
Value of primary products shipments made in other industries	\$1,000.. X
Coverage ratio	percent.. X
Value added	\$1,000.. 421 440
Total inventories, beginning of year	\$1,000.. 80 224
Finished goods inventories	\$1,000.. 28 725
Work-in-process inventories	\$1,000.. 1 314
Materials and supplies inventories	\$1,000.. 50 185
Total inventories, end of year	\$1,000.. 61 080
Finished goods inventories	\$1,000.. 25 642
Work-in-process inventories	\$1,000.. 940
Materials and supplies inventories	\$1,000.. 34 498
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. X
Total capital expenditures (new and used)	\$1,000.. X
Buildings and other structures (new and used)	\$1,000.. D
Machinery and equipment (new and used)	\$1,000.. X
Automobiles, trucks, etc., for highway use	\$1,000.. D
Computers and peripheral data processing equipment	\$1,000.. X
All other expenditures for machinery and equipment	\$1,000.. X
Total retirements	\$1,000.. X
Gross value of depreciable assets at end of year	\$1,000.. X
Depreciation charges during year	\$1,000.. X
Total rental payments	\$1,000.. X
Buildings and other structures	\$1,000.. D
Machinery and equipment	\$1,000.. X
Total other expenses ⁴	\$1,000.. X
Response coverage ratio ⁵	percent.. X
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. X
Communications services ⁴	\$1,000.. X
Legal services ⁴	\$1,000.. X
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. X
Advertising and promotional services ⁴	\$1,000.. X
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. X
Refuse removal (including hazardous waste) services ⁴	\$1,000.. X
Management consulting and administrative services ⁴	\$1,000.. X
Taxes and license fees ⁴	\$1,000.. X
All other expenses ⁴	\$1,000.. X

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322122, Newsprint mills											
All establishments	—	22	8 416	535 961	6 449	13 453	385 067	1 649 672	1 937 809	3 597 214	161 664
Establishments with—											
1 to 4 employees	—	—	—	—	—	—	—	—	—	—	—
5 to 9 employees	—	—	—	—	—	—	—	—	—	—	—
10 to 19 employees	—	—	—	—	—	—	—	—	—	—	—
20 to 49 employees	—	1	b	D	D	D	D	D	D	D	D
50 to 99 employees	—	—	—	—	—	—	—	—	—	—	—
100 to 249 employees	1	7	g	D	D	D	D	D	D	D	D
250 to 499 employees	—	11	4 014	247 699	3 112	6 300	181 381	851 524	1 115 895	1 973 720	86 207
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	—	—	—	—	—	—	—	—	—	—	—

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
322122	Newsprint mills	22	8 416	535 961	6 449	13 453	385 067	1 649 672	1 937 809	3 597 214	161 664
3221221	Newsprint	15	5 941	387 445	4 624	9 781	283 315	1 199 799	1 444 278	2 649 967	95 737
3221223	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	7	2 475	148 516	1 825	3 672	101 752	449 873	493 531	947 247	65 927

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322122	Newsprint mills	2002.. N 1997.. N	X X	X X	3 842 998 5 045 995
3221221	Newsprint	2002.. N 1997.. N	X X	X X	2 695 793 3 712 495
32212211	Newsprint	2002.. N 1997.. N	X X	X X	2 695 793 3 712 495
3221221100	Newsprint 1,000 s tons..	2002.. 14 1997.. 21	X X	%6 465.6 7 146.9	2 695 793 3 712 495
3221223	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	2002.. N 1997.. N	X X	X X	1 147 205 1 333 500
32212231	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	2002.. N 1997.. N	X X	X X	1 147 205 1 333 500
3221223111	Uncoated groundwood publication and printing paper, including supercalendered	2002.. 11 1997.. 16	X X	S 1 820.4	1 011 352 1 250 761
3221223121	Other converting and miscellaneous groundwood paper, including form bond, wallpaper base, and body stock for coating	2002.. 4 1997.. 7	X X	173.3 111.4	135 853 82 739
3221223Y	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber), nsk	2002.. N 1997.. N	X X	X X	— —
3221223YVV	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber), nsk	2002.. N 1997.. N	X X	X X	— —
322122W	Newsprint mills, nsk, total	2002.. N 1997.. N	X X	X X	— —
322122WY	Newsprint mills, nsk, total	2002.. N 1997.. N	X X	X X	— —
322122WYWW	Newsprint mills, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	— —
322122WYWY	Newsprint mills, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	— —

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
322122	Newsprint mills		
00900001	Total materials	X	1 321 437
11331005	Spruce and true fir pulpwood bolts and logs	X	1 908 422
11331007	Hemlock pulpwood bolts and logs	D	D
	1,000 standard cords	819.1	73 149
	1,000 standard cords	D	D
	1,000 standard cords	D	D
11331009	Southern pine pulpwood bolts and logs	1 201.3	77 487
11331023	Other softwood pulpwood bolts and logs, including Douglas fir and Jack pine	3 884.2	255 406
32100009	Softwood pulpwood wood chips, slabs, cores, sawdust, bark, and other mill residues	D	D
	1,000 standard cords	D	D
	1,000 standard cords	1 368.3	108 359
	1,000 standard cords	1 855.7	148 846
11331011	Southern mixed hardwood pulpwood bolts and logs	D	D
32100011	Hardwood pulpwood wood chips, slabs, cores, sawdust, bark, and other mill residues	336.6	20 127
32518103	Chlorine (100 percent Cl basis)	D	D
	1,000 s tons	589.0	38 462
	1,000 s tons	D	D
	1,000 s tons	56.1	13 330
32518107	Sodium hydroxide (caustic soda)(100 percent NaOH)	58.2	11 331
32518823	Sodium chlorate (100 percent NaClO ₃)	165.8	28 261
32510007	Other sodium compounds	D	D
	1,000 s tons	34.3	12 485
	1,000 s tons	X	20 125
	1,000 s tons	X	54 195
32518813	Aluminum sulfate (17 percent Al ₂ O ₃)	35.0	4 077
32741003	Lime	83.3	14 944
21232400	Kaolin and ball clay	D	D
	1,000 s tons	79.3	5 455
	1,000 s tons	124.6	25 185
	1,000 s tons	249.0	51 317
31122113	Starch	38.6	10 909
32521131	Synthetic resins	44.6	11 256
32518829	Calcium carbonate, precipitated (100 percent CaCO ₂)	D	D
	1,000 s tons	D	D
	1,000 s tons	114.9	14 126
	1,000 s tons	13.8	2 579
32500009	All other chemicals (including organic)	X	124 718
32210029	Woodpulp produced at affiliated or associated mills at other locations	X	245 177
32210031	Woodpulp, purchased (market)	D	D
	1,000 s tons (dry basis)	D	D
	1,000 s tons (dry basis)	171.2	66 218
	1,000 s tons (dry basis)	346.1	169 226
00190006	Mixed wastepaper, excluding plant's own broke paper	D	D
00190007	Mechanical news wastepaper, excluding plant's own broke paper	273.1	26 303
00190072	Other mechanical wastepaper, excluding plant's own broke paper	2 574.9	260 989
	1,000 s tons	3 123.7	229 807
	1,000 s tons	493.3	47 046
	1,000 s tons	276.4	19 707
00190010	High grade deinking wastepaper, excluding plant's own broke paper	D	D
001900A2	Packaging paper and plastics film (including coated, laminated, printed, etc.)	128.4	13 009
32552003	Glues and adhesives	X	21 746
	mil lb	X	36 124
	mil lb	S	259
	mil lb	D	D
00970099	All other materials and components, parts, containers, and supplies	X	392 542
00971000	Materials, ingredients, containers, and supplies, nsk	X	340 039
	Materials, ingredients, containers, and supplies, nsk	X	15 000
	Materials, ingredients, containers, and supplies, nsk	X	36 429

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.